DOCKET FILE COPY ORIGINAL BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20054

DEC 1

In the matter of)		Federal Communications Communications
Federal-State Joint Board on Universal Service)	CC Docket No. 96-45	Secretary Mission

COMMENTS OF ITCs, INC. IN RESPONSE TO THE COMMISSION'S REQUEST FOR COMMENT ON THE FEDERAL-STATE JOINT BOARD RECOMMENDED DECISION ON UNIVERSAL SERVICE

ITCs, Inc., an economic cost consultant to independent telephone companies serving America's rural areas, including Chariton Valley Telephone Company, Columbine Telephone Company, Cunningham Telephone Company, ETEX Telephone Cooperative, Mokan Dial, Inc. - Kansas, Mokan Dial, Inc. - Missouri, South Central Telecommunications of Kiowa, South Central Telephone Association - Oklahoma, Steelville Telephone Exchange, Inc. Tri-County Telephone Association, Inc., TCT West, Inc. And Wiggins Telephone Association, by counsel, respectfully comment on the Recommended Decision of the Federal-State Joint Board on Universal Service to the Commission's Recommendations adopted on November 7, 1996 as follows:

Background

1. The importance of high quality telecommunications services to the economic success (and therefore the well-being of the population) America's rural heartland is second to no other single contributing element. Further the critical importance of support for telecommunication services in the rural Mid-west and Rocky Mountain West is paramount. Simply stated, absent contributions from other and larger scale elements of the telecommunications industry, basic services

No. of Copies rec'd

would become unaffordable and the quality of service and life in general would deteriorate rapidly; local providers could not remain viable entities.

- 2. For many small rural Incumbent Local Exchange Carriers the flow of the various contributions is their largest single revenue source. Is it any wonder then, that on hearing of certain provisions of the Recommendation, many companies have suspended further rural development projects. Why, because of the absence of the Recommendation's ability to meet the "specific, predictable and sufficient" provisions of the Telecommunications Act of 1996. Put another way, some of the Recommendations, if adopted by the Commission, herald financial uncertainty and confusion. Thus, it is too risky to invest.
- 3. It is not the 1996 Act that is the cause of concern. Indeed, the Act appears balanced and protective of the vulnerable local service providers, even as it recognizes the benefits of competition to the consumer. In contrast, the Recommendations cause concern for they do not appear to reflect these same congressionally-defined attributes.
- 4. Finally, the Commission should take official notice that every single attempt at deregulation in modern history has had an overt, negative impact on the citizens of rural America; trains now bypass nearly every small community, airlines no longer fly regularly to small isolated locations, trucks bring critical material goods only when they have a full load and then often at a premium. With that track record we are now attempting to deregulate the most important service—a lifeline—in rural America. Already, the ominous signs of service deterioration are becoming apparent because of the failure of the Recommendations to adhere to the Act's principles of "specific, predictable and sufficient support mechanisms".

Principles

5. The Public Notice requesting comments on the Recommendations indicates the issue is how should the additional principle of competitive neutrality be defined and applied within the context of universal service. It is here that the rural community of providers are of the opinion that the Joint Board ignored the regulatory principle of equitable and consistent administration of public policy in favor of other interests or persuasions.

The Support Per Loop Freeze

- 6. Of greatest concern is the freezing of USF support per line on the basis of retroactive conditions. Where in the record is there <u>any</u> analysis of the changes in conditions during the ensuing period and the economic impact this freeze might have on any entity charged with the provision of vital telecommunications service to American citizens? Further, in the Recommendation at 290, it is stated that "Freezing support will encourage rural carriers to operate efficiently because no additional support will be provided for increased costs. This is <u>Alice in Wonderland</u> logic (off with their heads); fact, instead of increased efficiency, the result has been and will be a cessation of construction activity in the majority of small western rural providers.
- 7. There are Local Exchange Carriers which have incurred costs pursuant at the direction and order of State Regulatory bodies for the purpose of meeting service prescribed standards. With USF rules changed in midstream these companies are forced, simply through prudent management, to either abandoned state sanctioned projects, or lose their financial viability.
- 8. There are also those entities which have opened previously unserved areas in anticipation of support at least based on present methodology. Now, because of their status at the

end of 1995, they will not be the beneficiary of any immediate support and, given the Recommendations' approach to a transition, they can see no <u>predictable</u> alternative in the future.

- 9. And there are those entities that, as a result of precedent acquisitions must, by virtue of their conscience or regulatory directive, modernize where service deterioration (often under BOC operations) has reached a level unacceptable in a nation that purports to be the world's economic and technological leader.
- 10. Cases in point include the Tri-County/TCT West companies of northern Wyoming which began a required program totaling nearly \$13 million in total expenditures most of which are occurring during the year 1996. Included in their program is the extension of new services to previously unserved small remote communities. This service extension was agreed upon given the predictability and sufficiency of the Universal Service Fund program and rules then in affect wherein support would reach approximately \$34.95 per month per line. But under The Joint Board's Recommendations, frozen high cost support will provide only \$10.38 per line per month. The companies will be involved in a concurrent rate case which may result in significant local rate increases; however, given the above, they will not have sufficient revenues to support the telecommunication requirements of the communities they serve. This is plainly wrong.
- 11. Chariton Valley Telephone initiated a program in 1995 to meet state service standards, prepare for interconnection and to conform with telecommunications public policy principles. This involved plant rearrangements and additions totaling nearly \$8 million with most of the expenditures taking place in 1995 and the remainder in 1996. If implemented, the results of the Recommendation will produce a revenue shortfall of approximately \$25.76 per month per line. This would be plainly wrong.

- 12. The Steelville Telephone Exchange is similarly situated having to increase investment by nearly 25% in order to meet service requirements. The anticipated monthly shortfall per line will be approximately \$22.25 if the Recommendations are implemented.
- 13. In all of theses cases, additional increases in local rates to the level required, absent the anticipated Universal Service support, will result in significant numbers of customers leaving the network because service became unaffordable. All of these examples are diametrically opposed to the Act's purpose and this Nation's public telecommunications policy.
- 14. Under no circumstances do these examples reflect an attempt to manipulate or take advantage of a process; but rather, they are based on a process of over 100 years standing to ensure that all Americans are the beneficiaries of a universal service policy.
- 15. Yet, (1) absent any data in the record supporting a freeze, (2) a change in current procedures requiring use of retro-active conditions and made effective in midstream and, (3) in clear violation of the principles of specificity, predictability and sufficiency, in the name of competitive neutrality, this Recommendation emerges as the choice of the Federal-State Joint Board. These issues certainly beg question of the propriety and legality of imposing a regime that will result in notable harm when, in fact, that is just the opposite of what Congress intended.

Forward Looking Costs

- 16. A second element in the Recommendations is the use of forward looking costs, which is included despite the appeal of the FCC's Interconnection Order and the interim stay issued by the Eighth Circuit Court of Appeals.
- 17. Here again, the record <u>does not</u> support the use of a hypothetical approach to the costing of a network that will never exist. Yet, the Joint Board has yielded to concerns such as the

inability to verify embedded costs, the use of obsolete past engineering practices and investment decisions and the absence of incentives to control and reduce expenses (at 211). All of these as well as the other concerns raised by the parties remain as opinions without any recorded basis in fact.

18. The issue of the recovery of embedded costs remains without an answer or even a recommendation. That there is no "...economic reason..." to use embedded costs (at 284), that use of embedded costs "...could jeopardize the provision of universal service." (At 275), are conclusory statements that beg the question of constitutionally-based cost recovery and raises the specter of a bias against those that have been responsible for the provision of universal service. If the relationship between forward looking costs and embedded costs emerges as the Joint Board obviously expects it will, then the only apparent answer left to Incumbent Local Exchange Carriers is a write-off of assets that may be of significant proportion. If this is what the Joint Board means by the statement "...will prepare these LECs for...the advent of a more competitive marketplace." (at 290), then such should be stated so that the myth of a concern for the rural consumer (in the face of congressional intent) can be dissipated quickly.

Proxy Models

19. Never in the history of Joint Board proceedings has there been a recommendation such as mandating proxy models that had not been thoroughly explored in terms of the impacts on all of the parties affected as well as the consumer. Far from a complete investigation, the Joint Board states that "We cannot recommend that any of the proxy models submitted in this proceeding thus far....should be used to determine universal service support levels." (at 268) while also recommending use of "...a proxy model to determine high cost support for all carriers..." (At 283) and concluding that "...a properly designed cost proxy model would allow carriers serving high cost

areas to charge affordable rates" (at 284). This level of inconsistency, confusion and speculation can only result in recommendations, decisions and rules that will not withstand the scrutiny of time, practice and, potentially, the courts.

20. In summary, the additional principle of competitive neutrality has, by virtue of the steps recommended to implement it, creating the opposite affect intended by Congress. The corresponding absence of specific, predictable and sufficient support mechanisms has already produced management decisions that will bring the process of providing universal service to its knees or even to a halt.

Low-Income

- 21. The Commission's concerns about the impact of \$5.25 baseline amount are well founded. The lack of affordability can still be present and may even become more so as a result of rate rebalancing and the inauguration a revenue based benchmark. The results of these will be to raise local rates and therefore potentially create a situation where local service remains unaffordable even with the anticipated level of support.
- 22. A possible answer might be to reverse the approach by determining a level of affordability as opposed to a level of support and providing support for the difference after application of state generated funding.
- 23. A second approach might be to establish a capped level of local service revenue per line and then providing a fixed level of support.
- 24. Finally, it might be appropriate to explore a percentage approach wherein this form of support is provided as a percentage of the total, rate for local service.

25. In any approach taken, it appears that a combination from the state, in the form of additional or complementary support, is a very important attribute of a program of this nature. Additionally, the concept of voluntary toll blocking should be of material benefit in increasing the availability of service to those that are in need.

Schools/Libraries

- 26. The Recommendation goes to great length in determining eligibility for high cost funding through either a continuation of an average cost per loop approach (the present method) or through use of proxy models in the non-rural areas. Inasmuch as these are intended to provide for a determination of high-cost areas for the provision of telecommunications services, they should also be applicable for this purpose.
- 27. Accordingly, it is recommended that the FCC use the same principle used to designate a high cost area for purposes of high cost fund administration as for the designation of high cost areas for school and library support administration. Nothing in the record indicates significant harm in using the same measurement and the administrative burden is eased.
- 28. The Recommendation adds a "mid-cost" category; however, this will only serve to complicate the process while providing a constant source of entertainment between Commission staff and each District's congressional delegation; accordingly, it should be eliminated.

Health Care

29. The underlying objective of the health care provisions of the Act are to ensure that the quality of care and services in rural, high cost areas is comparable to that available in urban areas. It is the intent of Congress to ensure that the tremendous advances in modern medicine are available to all Americans regardless of where they live.

- 30. Given that telecommunications is the key to meeting that intent, it is here and now that this subject is being addressed. While the Joint Board and the Act indicate that the means of achieving this goal is through comparable rates, the real need is the support of modern technology such that the distance between providers is of no consequence in obtaining quality medical care. The quality of transmitted X-ray, Cat Scan and MRI detail must be of diagnostic quality. On-line video transmission of emergency room surgical procedures must be such that professional guidance can be provided from experts in the distant city. The treatment of cardiac incidences must be as rapid and precise as is the norm in urban health care institutions.
- 31. The current cost of this level of service is high. The technology, in many cases, is new. The discipline and professional relationships are not all in place. Accordingly, what is done here should be looked upon as only a start in this very important area. Above all others, this aspect of Universal Service support should be looked upon as evolving and in need of constant guidance and oversight by representatives of the medical profession, the telecommunications industry and the regulators. A permanent advisory committee should be maintained, goals of cost containment should be established as should evolving health care standards that can be met given the cost, technology and medical discipline equation. As these evolve, so will the underlying objectives of the Act be met.

Administration

32. ITCs shares the concerns of the dissenting voices in the recommendation concerning the propriety of basing support for a federal program on both interstate and intrastate revenues. We also raise the question of what basis might be left for contributions to state universal service programs that either are in place or will emerge from this process.

33. If, however, there is not a coordinated effort, both as it relates to the revenue basis for assessment as well as the specific services to be supported, confusion will reign and the probability of inconsistency and inequity between the various regions of the country will increase. Further, the Commission's concern of manipulation in a competitive marketplace should not be taken lightly. Such is a fact of life in any competitive endeavor.

Other Concerns

- 34. ITCs respectfully wishes to raise two other concerns related to this process. First, the principle of "Access to Advanced Services" is clearly missing from the definition of core services to be supported; yet, access to these services is critical particularly in rural areas where telecommunications services are the only means available for the acquisition of information. Further, while not part of the definition for high cost support, the principle is applied in defining what is available for schools. The reason for this discrimination is not apparent particularly when the family and economic institutions of society have needs that are similar to those involved in the provision of education.
- 35. A second area of concern is the failure to include the requirement of equal access to interexchange services. While this has been an integral requirement in the industry, it is suddenly and knowingly omitted (at 58 and 70). Why is this requirement essential enough to be applied to one segment of the industry but is now eliminated in the face of competition? Given this and the item mentioned immediately above, one must wonder if the drive toward competition has caused a tipping of the scales against those who have been and remain the cornerstone of universal service achievements.

36. Finally, ITCs is of the opinion that, with so much of rural telecommunications at

stake in this proceeding, the Commission should submit the proposed rules for industry comment

prior to their publication with the hope of not prolonging a period of instability and an

unpredictable operating environment.

Conclusion

37. ITCs remains most concerned about the steps being taken to implement the added

principle of competitive neutrality, the negative affects the Recommendations are already

producing and the impacts on the pressure of "specific, predictable and sufficient" support

particularly in rural America.

38. ITCs encourages the Commission to recognize and take steps to ensure that the full

intent of Congress in providing for the health care needs of rural America are met over the long

term.

39. Finally, ITCs is concerned about the equity and consistency with which the

principles of universal service and the introduction of competition are being applied and hopes that

as telecommunications public policy is being implemented, the intent, as reflected in the Act will

be present.

Respectfully submitted,

David A. Irwin

Irwin, Campbell & Tannenwald, P.C.

1730 Rhode Island Ave, NW, Ste 200

Washington, D.C. 20036-3101

(202) 728-0400

December 16, 1996

11

CERTIFICATE OF SERVICE

I, Tracy L. Trynock, hereby certify that on this 16th day of December, 1996, copies of the foregoing "Comments of ITCs, Inc. In Response to the Commission's Request for Comment on the Federal-State Joint Board Recommended Decision on Universal Service" have been served by first-class United States mail, postage pre-paid, upon the following:

Tracy L. Trynock

Lang P. Suproct

Stephen G. Kraskin
Thomas J. Moorman
Attorneys for U.S. Intelco Networks, Inc.
Kraskin & Lesse
2120 L Street, N.W. Suite 520
Washington, D.C. 20037

William L. Roughton, Jr. Attorney for PCS Prineco, L.F. 1133 20th Street, N.W. Suite 850 Washington, D.C. 20036

Dr. Francis R. Collins Consultants to California Cable Television Assn. CCL Corporation Box 272 Newton, MA 02159

Alan J. Gardner
Jerry Yanowitz
Jeffrey Sinsheimer
Jennifer A. Johns
California Cable Television Assn.
4341 Piedmont Avenue
Oakland, CA 94611

Donna N. Lampert
Christopher A. Holt
Attorneys for California Cable Television
Assn.
Mintz, Levin, Cohn, Ferris, Glovsky and
Popeo, P.C.
701 Pennsylvania Ave. N.W.
Suite 900
Washington, D.C. 20005

Robert S. Foosaner Senior Vice President Government Affairs Nextel Communications, Inc. 800 Connecticut Ave., N.W. Suite 1001 Washington, DC 20006 Lawrence R. Krevor Director-Government Affairs Nextel Communications, Inc. 800 Connecticut Ave., N.W. Suite 1001 Washington, DC 20006

Laura L. Holloway General Attorney Nextel Communications, Inc. 800 Connecticut Ave., N.W. Suite 1001 Washington, D.C. 20006

Daniel L. Brenner
Neal M. Goldberg
David L. Nicoll
Counsel for the National Cable Television
Assoc., Inc.
1724 Massachusetts Ave., N.W.
Washington, D.C. 20036

Mary Mc Dermott Linda Kent Charles D. Cosson Attorneys for U.S. Telephone Association 1401 H Street, NW Suite 600 Washington, D.C. 20005

Michael Senkowski
Jeffrey S. Linder
Stephen J. Rosen
Attorneys for The Personal Communications
Industry Association
Wiley, Rein & Fielding
1776 K Street, N.W.
Washington, D.C. 20006

Robert C. Schoonmaker Vice President GVNW Inc. Management 2270 LaMontana Way Colorado Springs, CO 80918 J. Manning Lee Vice President Regulatory Affairs Teleport Communications Group, Inc. Two Teleport Drive Suite 300 Staten Island, NY 10311

Gail Garfield Schwartz
Vice President Public Policy and
Government Affairs
Teleport Communications Group, Inc.
Two Teleport Drive
Suite 300
Staten Island, NY 10311

Kenneth A. Shulman Senior Vice President, Technology Teleport Communications Group, Inc. Two Teleport Drive Suite 300 Staten Island, NY 10311

Werner K. Hartenberger
Laura H. Phillips
J.G. Harrington
Attorneys for The Ad Hoc Coalition of
Competitive Carriers
Dow, Lohnes & Albertson
1255 Twenty-Third Street, N.W.
Suite 500
Washington, D.C. 20037

Jay C. Keithley Norina T. Moy Kent Y. Nakamura Attorneys for Sprint Corporation 1850 M Street, N.W. Suite 1110 Washington, D.C. 20036

David C. Jatlow Attorney for The Ericsson Corporation Young & Jatlow 2300 N Street, N.W. Suite 600 Washington, D.C. 20037 John T. Scott, III
Attorney for Bell Atlantic NYNEX Mobile,
Inc.
Crowell & Moring
1001 Pennsylvania Ave., N.W.
Washington, D.C. 20004-2595

Kathy L. Shobert Director, Federal Affairs General Communications 901 15th ST., N.W. Suite 900 Washington, D.C. 20005

Glen S. Richard Fisher Wayland Cooper Leader & Zaragoza, L.L.P 20001 Pennsylvania Ave., N.W. Suite 400 Washington, D.C. 20006

Lisa M. Zaina Attorney for OPASTCO 21 Dupont Circle, N.W. Suite 700 Washington, D.C. 20039

Loretta J. Garcia
Donald J. Elardo
Attorneys for MCI Telecommunications
Corporation
1801 Pennsylvania Ave., N.W.
Washington, D.C. 20006

Paul Glist
Christopher W. Savage
John C. Dodge
Attorneys for Jones Intercable, Inc.
Cole, Raywid & Braverman, L.L.P
1919 Pennsylvania Ave., N.W.
Suite 200
Washington, D.C. 20006

Albert Halprin
Melanie Haratunian
Attorneys for The Yellow Pages Publishers
Association
Halprin, Temple, Goodman & Sugrue
1100 New York Ave., N.W.
Suite 650, East Tower
Washington, D.C. 20005

Mark J. O'Connor Attorney for Omnipoint Corporation Piper & Marbury L.L.P. 1200 19th Street, N.W. Seventh Floor Washington, D.C. 20036

Pamela Portion
Director of external Affairs
U.S. AirWaves Inc.
10500 N.E. 8th Street, Suite 625
Bellevue, Washington 98004

Jeffrey H. Olsongolden, Esq. Attorney for U.S. AirWaves Inc. Paul, Weiss, Rifkind, Wharton & Garrison 1615 L Street, N.W. Suite 1300 Washington, D.C. 20036

Mark J. Golden Vice President of Industry Affairs 1019 19th Street, N.W. Suite 1100 Washington, D.C. 20036

Brian Conboy
Sue D. Blumenfeld
Thomas Jones
Willkie Farr & Gallagher
Attorneys for Time Warner
Communications Holdings, Inc.
Three Lafayette Centre
1155 21st Street, N.W.
Washington, D.C. 20037

David L. Kahn c/o Bellatrix International 4055 Wilshire Blvd., Suite 415 Los Angeles, CA 90010

Andrew D. Lipman Russell M. Blau Attorneys for MFS Communications Co., Inc. Swidler & Berlin, Chartered 3000 K. Street, N.W. Washington, D.C. 20007

David J. Gudino
Attorney for GTE Service Corporation
1850 M. Street, N.W.
Suite 1200
Washington, D.C. 20036

Mark C. Rosenblum John J. Langhauser Clifford K. Williams Attorney for AT&T Corp. Room 3244J1 295 North Maple Avenue Basking Ridge, NJ 07920

Harold L. Stoller
Richard S. Wolters
Special Assistants Attorney General
Counsel for the Illinois Commerce
Commission
527 E. Capitol Ave.
P.O. Box 19280
Springfield, IL 62974-9280

Lucie M. Mates
Theresa L. Cabral
Sarah Rubensteil
Attorneys for Pacific Bell
140 New Montgomery St., Room 1526
San Francisco, CA 94150

James L. Wurtz Margaret E. Garber Attorneys for Pacific Bell 1275 Pennsylvania Ave., N.W. Washington, D.C. 20004

Richard A. Askoff Attorney for National Exchange Carrier Association, Inc. 100 South Jefferson Rd. Whippany, NJ 07981

Richard F. Nelson, Chairman Florida 9-1-1-Coordinator Group Marion County Board of County Commissioners 2631 S.E. 3rd street Ocala, FL 34471-9101

Peter Arth, Jr.
Edward W. O'Neill
Ellen S. Levin
Attorneys for the People of the State of
California and the Public Utilities
Commission of the State of California
505 Van Ness Ave.
San Francisco, CA 94102

Roger W. Steiner
Assistant General Counsel
Attorney for the Missouri Publice Service
Commission
P.O. Box 360
Jefferson City, MO 65102

Gregory M. Casey Senior Vice President Victoria A. Schlesinger Attorney for Telemation International, Inc. 6707 Democracy Blvd. Bethesda, MD 20817 Ann E. Henkener Assistant Attorney General Public Utilities Section Public Utilities Commission of Ohio 180 East Broad Street Columbus, OH 43266

Michael F. Altschul Vice President and General Counsel Randall S. Coleman Vice President, Regulatory Policy & Law Cellular Telecommunications Industry Assn. 1250 Connecticut Ave., N.W. Suite 200 Washington, D.C. 20036

Brenda K. Pennington
Staff Counsel
Cellular Telecommunications Industry Assn.
1250 Connecticut Ave., N.W.
Suite 200
Washington, D.C. 20036

Edwin N. Labergne
Darren L. Nunn
Attorney for Interactive Services
Association
Ginsburg, Feldman and Bress, Chartered
1250 Connecticut Ave., N.W.
Washington, D.C. 20036

Genevieve Morelli
Vice President and General Counsel
The Competitive Telecommunications Assn.
1140 Connecticut Ave., N.W.
Suite 220
Washington, D.C. 20036

Danny E. Adams
Steven A. Augustino
Attorneys for The Competitive
Telecommunications Association
Wiley, Rein & Fielding
1776 K Street, NW
Washington, D.C. 20036

Richard J. Metzger General Counsel Association for Local Telecommunications Services 1200 19th Street, NW Suite 560 Washington, D.C. 20036

Robert M. Wienski ITN Business Development Sam LaMartina ITN Legal & Regulatory Affairs 8500 W. 110th Street, Suite 600 Overland Park, KS 66210

Richard A. Muscat
Assistant Attorney General
Consumer Protections Division
Public Agency Representation Section
P.O. Box 12548, Capitol Station
Austin, TX 78711-2548

Margot Smiley Humphrey
Attorney for TDS Telecommunications
Corp.
Koteen & Naftalin
1150 Connecticut Ave., N.W.
Suite 100
Washington, D.C. 20036

Maureen O. Helmer General Counsel New York State Department of Public Service Three Empire State Plaza Albany, NY 12223

Judith St. Ledger-Roty
John W. Hunter
Attorneys for Paging Network, Inc.
Reed Smith Shaw & McClay
One Franklin Square
Suite 1100 East Tower
Washington, D.C. 20005

Catherine R. Sloan Richard L. Fruchterman Richard S. Whitt Attorneys for Worldcom, Inc. d/b/a LDDS Worldcom 1120 Connecticut Ave., N.W. Washington, D.C. 20036

Mark Stachiw AirTouch Paging Three Forest Plaza 12221 Merit Drive, Suite 800 Dallas, TX 75251

Carl W. Northrop Bryan Cave LLP Attorneys for AirTouch Paging, Arch Communications Group 700 Thirteenth Street, N.W. Suite 700 Washington, D.C. 20005

Emily C. Hewitt
Vincent L. Crivella
Michael J. Ettner
Jody B. Burton
Attorneys for General Services
Administration
18th & F Streets, N.W., Room 4002
Washington, D.C. 20405

Maureen Thompson Attorney for New England Telephone Company 1095 Avenue of Americas New York, NY 10036

Joel H. Levy Attorney for National Wireless Resellers Association Cohn and Marks Suite 600 1333 New Hampshire Ave., NW Washington, D.C. 20036 Rober M. Gurss Attorney for Association of Public-Safety Communications Officials Intl., Inc. Wilkes, Artis, Hedrick & Lane, Chartered 1666 K Street, N.W. #1100 Washington, D.C. 20006

James R. Hobson Attorney for National Emergency Number Association Donelan, Cleary, Wood & Master, P.C. 1100 New York Ave., N.W., Suite 750 Washington, D.C. 20005-3934

David Cosson
L. Marie Guillory
Attorneys for National Telephone
Cooperative Association
2626 Pennsylvania Ave., N.W.
Washington, D.C. 20037

Pat Wood, III, Chairman Robert W. Gee, Commissioner Judy Walsh, Commissioner Public Utility Commission of Texas 7800 Shoal Creek Blvd. Austin, TX 78757

John A. Malloy Vice President and General Counsel Leo R. Fitzsimon GO Communications Corporation 201 North Union Street, Suite 410 Alexandria, VA 22314

Betsy L. Anderson Duane K. Thompson Attorneys for Bell Atlantic 1320 N. Court House Rd. Arlington, VA 22201 Charles C. Hunter
Kevin S. DiLallo
Attorneys for the Telecommunications
Resellers Association
Hunter & Mow, P.C.
1620 I Street, N.W.
Suite 701
Washington, D.C. 20006

Dan L. Poole Jeffrey S. Bork Attorneys for U.S. West, Inc. 1020 19th Street, N.W., Suite 700 Washington, D.C. 20036

Jere W. Glover Chief Counsel Office of Advocacy United States Small Business Administration 409 Third Street, S.W. Suite 7800 Washington, D.C. 20416

Barry Pineles
Assistant Chief Counsel
United States Small Business
Administration
409 Third Street, S.W.
Suite 7800
Washington, D.C. 20416

William B. Barfield Jim O. Llewellyn Attorneys for BellSouth Corporation 1155 Peachtree Street, N.E., Ste 1800 Atlanta, GA 30309-3610

M. Robert Sutherland Theodore R. Kingsley Attorneys for BellSouth Telecommunications, Inc. 4300 Southern Bell Center 675 West Peachtree Street Atlanta, GA 30375 Thomas E. Taylor Christopher J. Wilson Attorneys for Cincinnati Bell Telephone Co. 2500 PNC Center 201 East Fifth Street Cincinnati, OH 45202

Robert M. Lynch Mary W. Marks J. Paul Walters, Jr. Attorneys for SBC Communications, Inc. 175 E. Houston, Room 1262 San Antonio, TX 78205

Paul Rodgers
Charles D. Gray
James Bradford Ramsay
Attorneys for National Assn. of Regulatory
Utility Commissioners
1102 ICC Building
Post Office Box 684
Washington, D.C. 20044

Dave Baker Chairman Georgia Public Service Commission 244 Washington Street, S.W. Atlanta, GA 30334-5701

Mary W. Marks
Attorney for Southwestern Bell Telephone
Company
One Bell Center
Room 3558
St. Louis, MO 63101

Mark J. Golden
Vice President of Industry Affairs
Personal Communications Industry
Association
500 Montgomery St.
Suite 700
Alexandria, VA 22314

Carl W. Northrop
E. Ashton Johnston
Attorneys for Airtouch Paging Arch
Communications Group
Paul, Hastings, Hanofsky & Walker
1299 Pennsylvania Ave., N.W., 10th Floor
Washington, D.C. 20004-2400

Marlin D. Ard Nancy C. Woolf Pacific Bell 140 New Montgomery Street Room 1523 San Francisco, CA 94105

R. Michael Senkowski Jeffrey S. Linder Attorneys for Pacific Bell Wiley, Rein & Fielding 1776 K Street, N.W. Washington, D.C. 20006

Jeffrey S. Linder
Attorney for GTE Service Cooperation
Wiley, Rein & Fielding
1776 K Street, N.W.
Suite 1100
Washington, D.C. 20006

Gene P. Belardi Vice President Mobil Media Communications, Inc. 2101 Wilson Blvd. Suite 935 Arlington, VA 22201

Cynthia B. Miller Associate General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd Room 301, Gerald L. Gunter Bldg Tallahassee, FL 32399-0850 Scherers Communications Group, Inc. Gorden F. Scherer President & Chief Executive Officer Susan Drombetta 575 Scherers Court Worthington, OH 43085

David L. Kahn c/o Bellatrix Internatioanl 4055 Wilshire Blvd, Ste 415 Los Angeles, CA 90010

SBC Communications, Inc. James D. Ellis Robert M. Lynch David F. Brown 175 E. Houston Room 1254 San Antonio, TX 78205

Bell Atlantic Betsy L. Anderson John M. Goodman 1133 20th St, NW Washington, DC 20036

Independent Telecommunications Network Inc. Sam LaMartina, Esq 8500 W. 110th St, Ste 600

Ann E. Henekener Assistant Attorney General Public Utilities Section 180 East Broad St Columbus, OH 43266-0573

Overland Park, KS 66210

Interactive Services Association Edwin N. Lavergne Darren L. Nunn Ginsburg, Feldman & Bress, Chtd. 1250 Connecticut Ave, NW Washington, DC 20036 Larry A. Peck Frank Michael Panek Attorneys for Ameritech 2000 West Ameritech Center Dr, Rm 4H86 Hoffman Estates, IL 60196-1025

America's Carriers Telecommunications
Association
Charles H. Helein
General Counsel
Helein & Associates, PC
8180 Greensboro Dr, Ste 700
McLean VA 22102

NYNEX Telephone Companies Deborah Haraldson 1095 Avenue of the Americas New York, NY 10036

The National Cable Television Association Daniel L. Brenner Neal M. Goldberg David L. Nicoll 1724 Massachusetts Ave, NW Washington, DC 20036

General Communications, Inc. Kathy L. Shobert Director, Federal Affairs 901 15th St, NW, Ste 900 Washington, DC 20005

United States Telephone Association Mary McDermott Linda Kent Charles D. Cosson 1401 H St, NW, Ste 600 Washington, DC 20005

Nextel Communications Inc Robert S. Foosaner Lawrence R. Krevor Laura L. Holloway 800 Connecticut Ave, NW, Suite 1001 Washington, DC 20006 U.S. Intelco Networks, Inc. Stephen G. Kreskin Thomas J. Moorman Kraskin & Lesse 2120 L Street, NW, Suite 520 Washington, DC 20037

The Ericsson Corporation David C. Jatlow Young & Jatlow 2300 N St, NW, Ste 600 Washington, DC 20037

Bell Atlantic NYNEX Mobile, Inc. John T. Scott, III Crowell & Moring 1001 Pennsylvania Ave, NW Washington, DC 20005-2595

GTE Service Corporation David J. Gudino 1850 M Street, NW, Suite 1200 Washington, DC 20036

Time Warner Communications Holdings, Inc.
Brian Conboy
Sue D. Blumenfeld
Thomas Jones
Willkie Farr & Gallagher
Three Lafayette Centre
1155 21st St, NW
Washington, DC 20036

Illinois Commerce Commission Harold L. Stoller Richard S. Wolters Special Assistants Attorney General 527 East Capitol Ave PO Box 19280 Springfield, IL 62792-9280 MFS Communications Company Inc. Andrew D. Lipman Mark Sievers Swidler & Berlin, Chartered 3000 K Street, NW, Suite 300 Washington, DC 20007

AT&T Corp Mark C. Rosenblum Roy E. Hoffinger Clifford K. Williams Room 3244J1 295 North Maple Ave Basking Ridge, NJ 07920

Teleport Communications Group, Inc.
J. Manning Lee
Vice President, Regulatory Affairs
Two Teleport Drive, Suite 300
Staten Island, NY 10311
The Competitive Telecommunications
Association

Danny E. Adams Steven A. Augustino Kelley Drye & Warren 1200 19th St, NW, Ste 500 Washington, DC 20036

U.S. Airways, Inc. Pamela Portin 10500 N.E. Eighth St, Ste 625 Bellevue, WA 98004

Robert C. Schoonmaker Vice President GVNW La Montana Way Colorado Springs, CO 80918

U.S. Intelco Networks, Inc. Robert Mitchell P.O. Box 2909 Olympia, WA 98507 The Yellow Pages Publishers Association Albert Halprin Melanie Haratunian Halprin, Temple Goodman & Sugrue 1100 New York Ave, NW, Suite 650 East Tower Washington, DC 20005

National Exchange Carrier Association, Inc. Richard A. Askoff 100 South Jefferson Road Whippany NJ 07981

Ellen S. Deutsch Senior Counsel Citizens Utilities Company of California 1035 Placer St Redding, CA 96049-6020

Cox Enterprises, Inc.
Werner K. Hartenberger
J.G. Harrington
Laura H. Phillips
Dow Lohnes & Albertson
1200 New Hampshire Ave, NW, Ste 800
Washington, DC 20036

Personal Communications Industry Association Jeffrey S. Linder Wiley Rein & Fielding 1776 K Street, NW Washington, DC 20006